

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: FRED C. REDELER, et al

Assignee: APPLIED MATERIALS, INC.

Title: CHEMICAL MECHANICAL POLISHING OF A METAL LAYER WITH POLISHING RATE MONITORING

Serial No.: 09/918,591

Confirmation Number Assignment: 2013

Filed: 07/27/2001

Group Art Unit: 2812

Attorney Docket No.: 004563/3/CMP/CMP

Examiner: Unknown

Santa Clara, California

BOX MISSING PARTS
ASSISTANT COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

LETTER TO THE OFFICIAL DRAFTSMAN

Sir:

Enclosed are eleven (11) sheets of formal drawings for the above-identified patent application.

Please telephone the undersigned at (408) 986-2677, if there are any questions regarding this matter.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231 on 12-19-01

Respectfully submitted,

Robert W. Mulcahy
Registration No. 25,436

Beth Mulcahy



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/918,591	07/27/2001	Fritz C. Redeker	4563-3/450001

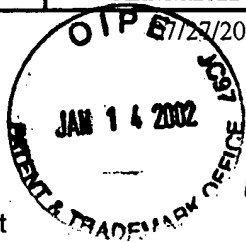
CONFIRMATION NO. 2013

FORMALITIES LETTER



OC000000006584292

Patent Counsel
Applied Materials, Inc.
Legal Affairs Department
P.O. Box 450A
Santa Clara, CA 95052



REC'D OCT 01 2001

Date Mailed: 09/20/2001

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 130.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
 - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. (5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);

01/18/2002 BNGUYEN1 00000048 501074 09918591

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*A copy of this notice **MUST** be returned with the reply.*

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

The first of these is the fact that the
 H^+ ions are not free to move in the
 solution, but are bound to the
 Cl^- ions, forming a "hydrochloric acid"
 molecule. This is why the conductivity
 of a solution of HCl is much higher than
 that of a solution of NaCl .



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Section 2
\$ / #3

Applicant: Fred C REDEKER* , et al
Assignee: APPLIED MATERIALS, INC.
Title: CHEMICAL MECHANICAL POLISHING OF A METAL LAYER WITH POLISHING RATE MONITORING
Serial No.: 09/918,591 Confirmation Number Assignment: 2013
Filed: 07/27/2001 Group Art Unit: 2812
Attorney Docket No.: 004563/3/CMP/CMP Examiner: Unknown

Santa Clara, California

Box: Missing Parts
ASSISTANT COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231
Attention: Manager
Applications Division

RESPONSE TO NOTICE TO FILE MISSING PARTS
OF APPLICATION - FILING DATE GRANTED

Sir:

In response to the Notice to File Missing Parts of Application - Filing Date Granted mailed by the United States Patent and Trademark Office on September 20, 2001, the following documents are enclosed to complete the filing of the above-identified patent application:

1. A combined declaration and power of attorney signed by one ventor(s) in compliance with 37 CFR 1.63, (Fred C. Redeker, 3 pages);
2. A combined declaration and power of attorney signed by one ventor(s) in compliance with 37 CFR 1.63, (Rajeev Bajaj, 3 pages);
3. Substitute drawings (11 sheets - formal) with accompanying letter to Official Draftsman;
4. A copy of the Notice to File Missing Parts of Application - Filing Date Granted

The United States Patent and Trademark Office is hereby authorized to charge the following fees to Deposit Account 50-1074;

1. Filing Fee - Original Patent Application (37 CFR 1.16(a))	\$---
5. Fees for claims	
___ each independent claim in excess of 3 (37 CFR 1.16(f))	\$---
___ each claim in excess of 20 (37 CFR 1.16(c))	\$---
<u>X</u> Late Payment of filing fee or late filing of original declaration or oath - (37 CFR 1.16(e))	\$130.00
X One month extension of Time	\$110.00
Total Completion Fees	<u>\$240.00</u>

3. Applicant petitions for an extension of time, the fees for which are set out in 37 CFR 1.17(a)-(d), for the total number of months checked below:

Extension (Months) Fee for other than Small Entity

<input checked="" type="checkbox"/> One Month	\$ 110.00
<input type="checkbox"/> Two Months	\$ 400.00
<input type="checkbox"/> Three Months	\$ 920.00
<input type="checkbox"/> Four Months	\$1,440.00

If an additional extension of time is required please consider this a petition therefor.

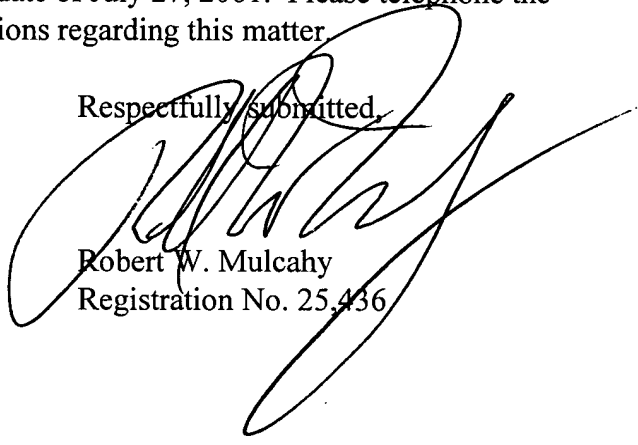
6. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account No.50-1074.

It is hereby respectfully submitted that the enclosed documents complete the filing of the above-named patent application and justify the filing date of July 27, 2001. Please telephone the undersigned at (408) 563-2726 , if there are any questions regarding this matter.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231 on 12-19-01


Beth Mulcahy

Respectfully submitted,


Robert W. Mulcahy
Registration No. 25,436